

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: December 30, 2005

Inspector: Don Ukers

Location: 115 kV Underground Route

Storm/

Rain Event: Approximately 1.16" of precipitation fell mostly in the form of rain/freezing rain rain on 12/25-12/26 with another 0.63" on 12/29 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	- Bethel Educational Park: Structure work within the ROW is finished up. Some cleanup is needed 12/30/05	-See erosion control section for specifics. 12/30/05
Hoyts Hill Transition Structure	-No work at this time. 12/30/05	- None at this time. 12/30/05
Gallows Hill Road and Rt. 107, Redding	-Roadwork is complete. 12/30/05 - The storage area near the Rt. 107 turn had been graded and placed with topsoil but we have recommendations here. 12/22-12/30/05	-None at this time. 12/30/05 - See additional sections for more information. 12/22-12/30/05
Rt. 58, Bethel	- Roadwork is ocomplete. 12/30/05 -Similar grading/topsoil work had been completed at Sunset Hill Rd. storage. 12/22-12/30/05	- See additional sections for recommendations. 12/22-12/30/05

Areas of Inspection	Observation	Recommended Action
Broad Street/ROW, Norwalk	- A few materials were left behind along the side of the roadway but most areas were mulched prior to snow cover. 12/22-12/30/05	-General cleanup should be performed and the road surface is still fairly rough. 12/14-12/30/05
Broad Street/ROW, Norwalk	- The bike path in the ROW will not be constructed until spring. 12/30/05	- None at this time. 12/30/05
Main Ave. / Rt. 7, Norwalk	- Scaffolding and shroud work was ongoing at the structure near the substation. 12/22-12/30/05	- None at this time. 12/30/05
Main Ave. / Rt. 7, Norwalk	-115kV work apparently associated with the structure at Norwalk Junction required snow plowing on site. Some issues resulted that need attention. 12/14-12/30/05	-See erosion control section for details but repairs are necessary. It will have to be worked out between contractors. 12/14-12/30/05
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	- Both portions of the ROW were rutted due to muddy conditions. 12/1-12/30/05	-Some mulch should be placed on ruts when access needs are complete. Snow and thaw periods are now a factor. 12/8-12/30/05
Bethel Educational Park	-The small, typical washout/gully areas remain on both portions. 12/8-12/30/05	- Some mulch should be placed on ruts when access needs are complete. Snow and thaw periods are now a factor. 12/8-12/30/05
Hoyts Hill Riser Transition Structure (Off Rt. 58)	- General clean up is needed around the south tower. 12/30/05	
	- This site is complete but equipment access had created additional ruts along the sides of the drive in the mud. 11/23-12/30/05	-Check status in the spring. Provide mulch if necessary. 12/30/05

Areas of Inspection	Observation	Recommended Action
Route 58	<p>- A few areas of bare soil remain around some of the recently accessed vaults. 12/14-12/30/05</p> <p>- Snow plowing at the Putnam Park storage area created some issues as sediment laden snow was pushed beyond the controls towards the stream. 12/14-12/30/05 Most of the snow was melted and sediment/process could be seen beyond the fence. 12/30/05</p> <p>-The Sunset Hill Rd. storage area was in fairly good shape but muddy. Some erosion had occurred. 12/30/05 Topsoil was pushed into the wetland swale at the yard's edge and erosion controls are not in place. 12/22-12/30/05</p>	<p>-Continue to restore the edge of roadway with mulch if feasible following equipment access. This was esp. needed north of the Sunoco. 12/30/05</p> <p>-Pull back snow from the wetlands and repair the silt fence. Future plowing should be done with care. Toed-in perimeter fence or haybales should remain at this site until the growing season at this point. 12/30/05</p> <p>- There will be no chance of vegetative stabilization until the growing season, we recommend that that silt fence or haybales remain here- or the area should be well mulched immediately. Soil should be shoveled out of the swale if feasible. 12/22-12/30/05</p>
Gallows Hill Road	-The area is well stabilized. 12/30/05	- None at this time 12/30/05
Rt. 107 (Lonetown Rd)	- The storage area south of the 90 degree turn on Rt. 107 was currently muddy but in good shape. No erosion was noted but we recommend that erosion controls be reinstalled due to the more extensive area of disturbed soil and potential for run-off. 12/22-12/30/05	- Since there will be no chance of vegetative stabilization until the growing season, we recommend that that toed in silt fence or haybales remain here or the area should be well mulched immediately due to the wetland area at the base of the slope. 12/22-12/30/05
Broad Street and ROW, Norwalk	<p>- A disturbed area near the cemetery could use some mulch if feasible. 12/8-12/30/05</p> <p>- The ROW was muddy and could use some repairs to silt fence if active work returns. 12/30/05</p>	<p>- Leftover materials should also be picked up. 12/14-12/30/05</p> <p>- Silt fence could use repairs if active work returns. 12/30/05</p>
Main Ave/		

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Rt. 7, Norwalk	-Erosion controls were pushed over as a result of the snow plowing at Norwalk Junction- apparently for 115kV related work on the structure. This has pushed sediment laden snow towards the river beyond the silt fence. 12/14-12/30/05	- The 115kV contractors should repair the fence and pull back the snow piles if it is determined to be their responsibility. This should be worked out among the contractors. 12/22-12/30/05
Soils	-Clean process remains in one pile at the Putnam Park storage area. Clean soil was spread at the Rt. 107 and Sunset Hill storage areas. 12/22-12/30/05	- All soils appear to be handled appropriately. 12/22-12/30/05
Adjacent Wetlands and Waterways	-The stream near Sara's Way off Rt. 58 remains clear and banks are free from erosion. 12/30/05 - A small stream crossing near Putnam Park at a vault also remains clear at this time. 11/23-12/30/05 -Some soil was accidentally pushed into the wet swale adjacent to the storage yard on Sunset Hill Rd. 12/22-12/30/05	- None at this time. Continue to monitor for final vegetative stabilization. 12/30/05 - Monitor as bare soil remains around the stream. A few haybales could be installed. 12/30/05 - Shovel back soil if feasible and install erosion controls until the next growing season. 12/22-12/30/05
Staging, Storage, and Parking Areas	- At the storage area off Rt. 58 near Putnam Park controls were pushed over by sediment laden snow plow piles in some locations. 12/14-12/30/05 - The Sunset Hill Rd. and Rt. 107 storage yards have been graded and placed with topsoil and are no longer in use. However, the amount of disturbed soil left behind warrants additional attention. 12/22-12/30/05	-Snow needs to be pulled back and erosion controls repaired. Retain the silt fence here due to the proximity of the pond. 12/14-12/30/05 - Since disturbed soil remains and there is no chance of re-vegetation until the growing season, we recommend haybales or other erosion controls. The areas were not mulched prior to pulling the silt fence. 12/30/05
State species of concern, threatened and endangered species	- No species of concern are located in the areas of construction.	- N/A

Areas of Inspection	Observation	Recommended Action
Vegetative clearing limits (including trees to save or danger trees noted)	- Any bare or rut areas should be re-restored when feasible although snow cover will now be a factor. 12/8-12/30/05	-Restore within D&M timelines. 12/30/05.
Dewatering	- Dewatering does not appear to be necessary any longer. 12/30/05	-None at this time. 12/30/05
Blasting	- No blasting is occurring in any areas at this time.	- None at this time.
Spills and Material Storage	- A report of any leaks or spills that reach the ground and occur during the week should be provided to BSC from internal project inspectors 6/15-12/30/05	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis and keep spill kits on hand. Report spills immediately, even if they are being controlled. - The contractors should remain vigilant about securing and handling fuel and material containers. - Equipment and materials should not be stored in wooded areas unless it is designated for storage.

Next likely scheduled inspection:

Wednesday, January 4, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden for Don Ukers



115kV (ROW): Both photos show views of the ROW which was very muddy at this time. Photo on the left is looking towards the scaffolding and shroud work on the structure. Silt fence repair may be needed near the work area. 12/30/05



115kV (Norwalk Junction): Photo shows a view of the remaining snow/sediment pile from project related plowing at Norwalk Junction. Responsibility for silt fence repair needs to be determined ASAP. 12/30/05



115kV (Rt. 107 storage yard). Both photos show views of the storage area near the Rt. 107 90 degree turn which does not show signs of erosion since being placed with topsoil. Due to muddy conditions and potential for run-off we recommend leaving toed-in silt fence here. 12/30/05



115kV (Putnam Park Storage Area) The photo shows a view the silt fence pushed own as a result of snow plowing several weeks ago. Chunks of process/sediment were on the wetland side as a result. These should be pulled back and the silt fence restored until the growing season. 12/30/05



115kV: (Sunset Hill Rd. Storage Area) Both photos show views of the Sunset Storage areas. The site was in fairly good shape but some erosion was noted. Due to muddy conditions and potential for run-off we recommend leaving toed-in silt fence or haybales until growing season. 12/30/05



115kV: (Bethel Ed. Park) Photo on the left shows the small area along the ROW that continues to wash-out and gully. Photo on the right shows some snow/sediment over the silt fence along the ROW. 12/30/05